

Amendments to the Specifications

On page 4, please amend lines 13 through 17 as follows:

Fig. 2 in a schematic representation, an embodiment of an optical arrangement according to the invention, whereby the pinhole has a square passageway and;

Fig. 3 in a schematic representation, the entire optical arrangement comprising the fanning out of the light beam, the splitting of the fanned out beam and the detection[.];

On page 4, please insert the following two new paragraphs starting at line 19:

Fig. 4 in a schematic representation, a first embodiment of an optical arrangement according to the invention, whereby the pinhole has a square passageway and the pinhole receives light from a confocal microscope; and,

Fig. 5 in a schematic representation, a second embodiment of an optical arrangement according to the invention, whereby the pinhole has a square passageway and the pinhole receives light from a confocal microscope.

On page 4, please amend lines 19 and 20 as follows:

Figures 1 through [3]5 show an optical arrangement for the spectral fanning out of a light beam 1,

On page 5, line 24, please insert the following two new paragraphs:

Fig. 4 illustrates a first embodiment of an optical arrangement according to the invention, whereby the pinhole receives light from a confocal microscope. Light source 25 emits light beam 1, which traverses lens 23 and sample 21. Light transmitted through and emitted from the sample is incident on pinhole 7.

Fig. 5 illustrates a second embodiment of an optical arrangement according to the invention, whereby the pinhole receives light from a confocal microscope. Light source 25 emits light beam 1, which passes through beam splitter 27, traverses lens 23, and is incident on sample

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21. Light reflected by and emitted from the sample is reflected by beam splitter 27 and is incident on pinhole 7.

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Amendments to the Drawings

Please replace Fig. 1 with the attached replacement Fig. 1. In the original Fig. 1, designators "9" and "11" were grouped together. From this grouping, arrows pointed to two different articles shown in Fig. 1. In the replacement Fig. 1, designators "9" and "11" are separated and each points to only one article in the figure. These are the only changes shown in replacement Fig. 1.

Please add new Fig. 4 and new Fig. 5. New Fig. 4 adds the sample 21, lens 23, and light source 25 to the configuration shown in Fig. 2. New Fig. 5 adds the sample 21, lens 23, light source 25, and beam splitter 27 to the configuration shown in Fig. 2.